



IFW
Attorney Docket No.: 26752U
Attorney: GMN / SMH

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

EICHEN et al.

Application No.: 10/533,122

Filed: April 29, 2005

Title: **PI-CONJUGATED MOLECULES**

Art Unit: 1712

Examiner: UNKNOWN

Confirmation No.: 3110

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

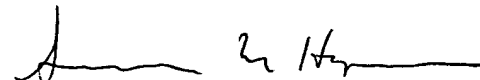
- 1) Information Disclosure Statement;
- 2) PTO Form-1449 with 13 cited references;
- 3) Copies of 12 of the 13 cited references.

The Commissioner is hereby authorized to charge any deficiency or credit any excess to Deposit Account No. 14-0112.

Respectfully submitted,
NATH & ASSOCIATES PLLC

December 19, 2006

By:


Gary M. Nath, Reg. No. 26,965
Susanne M. Hopkins, Reg. No. 33,247
Customer No. 20529

ct



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

EICHEN et al.

Application No.: 10/533,122

Filed: April 29, 2005

Title: **PI-CONJUGATED MOLECULES**

Art Unit: 1712

Examiner: UNKNOWN

Confirmation No.: 3110

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

An Information Disclosure Statement is submitted herewith pursuant to 37 C.F.R. 1.97-1.98. Please note the following particulars: [NOTE: One only of items a, b, c, and d must be checked.]

a. ☒ [XXX] The enclosed statement is being filed within three months of the filing date of a national application, or within three months of the date of entry into the national stage as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.

b. ☐ [] The enclosed statement is being filed after a first action on the merits but before the mailing date of a final action under 37 C.F.R. 1.113, or a notice of allowance under 37 C.F.R. 1.311.

The enclosed statement is accompanied by [check one]:

☐ [] i. a certification in part (e) below as specified in 37 C.F.R. 1.97(e), or

☐ [] ii. a check in the amount required by 37 C.F.R. 1.17(p).

c. ☐ [] The enclosed statement is being filed after the mailing date of a final action under 37 C.F.R. 1.113, or a notice of allowance under 37 C.F.R. 1.311, but before payment of the issue fee.

☐ [] Certification report(e) below; and

☐ [] a check in the amount as required by 1.17(p).

d. ☐ The enclosed statement is being filed pursuant to 37 C.F.R. 1.97(i), for placement in the file.

e. Certification [Check one] [Certification is required only if box (b)(i) or box (c) is checked.]

☐ I hereby certify that each item of information contained in the enclosed Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement,

or

☐ I hereby certify that no item of information in the enclosed Information Disclosure Statement herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

or

☐ Appropriate certification is attached.

f. [XXX] If no check is enclosed and a fee is due in connection with this communication or if the check enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due in connection with this communication to Deposit Account No. 14-0112.

g. [XXX] Copies of the documents are attached herewith with a completed Form PTO-1449.

or

☐ Copies of the documents are not attached as allowed under CFR 1.98(d)(1)(2). The earlier application is identified as:

and / or

[XXX] Copies of US Patents/Publications not attached,
with a completed Form PTO-1449, as allowed in Official
Gazette Aug. 5, 2003/ Vol. 1273, no. 1.

The Examiner is respectfully requested to cite the documents listed on the attached Form PTO-1449 in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO-1449, and return a copy of the initialed Form PTO-1449 with the next communication to Applicants, to confirm that these documents have been considered by the Examiner and made of record in this application.

If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned at the below-listed number.

Respectfully submitted,
NATH & ASSOCIATES PLLC

December 19, 2006

By:



Gary M. Nath, Reg. No. 26,965
Susanne M. Hopkins, Reg. No. 33,247
Customer No. 20529

ct



PTO Form-1449 <u>INFORMATION DISCLOSURE</u> <u>CITATION</u>		In re Application of: EICHEN et al.			
		Application No: 10/533,122		Filed: April 29, 2005	
		Examiner: UNKNOWN		Art Unit: 1712	

U.S. PATENT DOCUMENTS					
Examiner Initial		Document Number	Issue / Publication Date	Inventor	Filed
	A1	5,466,397	14 Nov 1995	Bales et al.	29 Nov 1993
	A2				
	A3				
	A4				
	A5				

FOREIGN PATENT DOCUMENTS					
Examiner Initial		Document Number	Publication Date	Country	Translation
	A6	39 12 931	31 Oct 1990	DE	Abstract
	A7	63 175838	20 Jul 1988	JP	Abstract
	A8				

OTHER	
Examiner Initial	(Including Author, Title, Date, Pertinent Pages, etc.)
A9	H. Shirakawa, "The Discovery of Polyacetylene Film: The Dawning of an Era of Conducting Polymers (Nobel Lecture)". <u>Angew. Chem. Intl. Ed.</u> , vol.40 pp.2574-2580, 2001.
A10	A.G. MacDiarmid, "Synthetic Metals: A Novel Role for Organic Polymers (Nobel Lecture)". <u>Angew. Chem. Intl. Ed.</u> , vol.40 pp.2581-2590, 2001.
A11	A.J. Heeger, "Semiconducting and Metallic Polymers: The Fourth Generation of Polymeric Materials (Nobel Lecture)". <u>Angew. Chem. Intl. Ed.</u> , vol.40, pp.2591-2611, 2001.
A12	Briehn et al., "From solid-phase synthesis of Π -conjugated oligomers to combinatorial library construction and screening". <u>Chem. Commun.</u> , pp.1015-1023, 2002.
A13	Friend et al., "Electroluminescence in conjugated polymers". <u>Nature</u> , vol.397 pp.121-128, 1999.
A14	Edel et al., "Microfluidic routes to the controlled production of nanoparticles". <u>Chem. Commun.</u> , pp.1136-1137, 2002.
A15	R.B. Merrifield, "Solid-Phase Peptide Synthesis. III. An Improved Synthesis of Bradykinin". <u>Biochemistry</u> , vol.3 pp.1385-1390, 1964.
A16	R.B. Merrifield, "Biopolymer Synthesis of Solid Supports". <u>Pure Appl. Chem.</u> , vol.50 pp.643-653, 1978.
A17	R.B. Merrifield, "Solid-Phase Peptide Synthesis". <u>Peptides: Synthesis, Structures, and Applications</u> , pp.96-169, 1995.
A18	C. Nájera, "From α -Amino Acids to Peptides: All You Need for the Journey". <u>Synlett</u> , vol.9 pp.1388-1403, 2002.